

System and Method of Software Transfer Between a Mobile Phone and a Mobile Phone Accessory

Abstract

A system and method of operating a mobile phone accessory communicable with a mobile phone. The present invention dynamically loads software into a mobile phone from a mobile phone accessory to enable better management of the accessory's resources and capabilities. After a communication link is established between the mobile phone and mobile phone accessory, both devices exchange information to determine the appropriate software to transfer. A verification process then ensures that the mobile phone and mobile phone accessory are authorized to receive and transfer software, respectively. Subsequently, software is transferred from the mobile phone accessory to be stored in the mobile phone. The mobile phone is capable of executing the downloaded software. Specifically, the mobile phone contains the necessary API(s) and processor hardware needed to run a variety of software.